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10-02-00

September 29, 2000

ATTORNEY DOCKET NO.: DIVER1510-1

Box PATENT APPLICATION
Commissioner for Patents
Washington, DC 20231

JC841 U.S. PTO
09/677584
09/30/00

Presented for filing is a new continuation-in-part patent application of:

APPLICANTS: JAY M. SHORT
TITLE: **WHOLE CELL ENGINEERING BY MUTAGENIZING A
SUBSTANTIAL PORTION OF A STARTING GENOME,
COMBINING MUTATIONS, AND OPTIONALLY REPEATING**

Enclosed are the following papers, including all those required for a filing date under 37 CFR § 1.53(b):

Pages of Specification	991
Pages of Claims	3
Pages of Abstract	1
Pages of Declaration	2 (unsigned)
Sheets of Drawing	28
Pages of Small Entity Statement	[to be filed at a later date]

Under 35 USC § 120, this application claims the benefit of prior US application 09/594,459, filed June 14, 2000, which is a continuation-in-part application of U.S. Patent Application No. 09/522,289, filed March 9, 2000, which is a continuation-in-part application of U.S. Patent Application No. 09/498,557, filed February 4, 2000, which is a continuation-in-part of U.S. Patent Application No. 09/495,052, filed January 31, 2000 and claims priority under Section 119(e)(1) to U.S. Provisional Patent Application No. 60/156,815, filed September 29, 1999, which is incorporated herein by reference in its entirety.

"EXPRESS MAIL" Mailing Label Number **EL476994245US**
Date of Deposit **September 29, 2000**
I hereby certify under 37 CFR § 1.10 that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office To Addressee" with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, Washington, DC 20231.
Mikhail Bayley
Mikhail Bayley

Gray Cary Ware & Freidenrich LLP
DOCKET NO. DIVER1510-1
In Re Application of: Jay M. Short
Box PATENT APPLICATION
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Page Two



Basic filing fee	\$	0.00
Total claims in excess of 20 times \$ _____	\$	
Independent claims in excess of 3 times \$ _____	\$	
Multiple dependent claims	\$	
Total filing fee:	\$	0.00

Please defer the payment of the filing fee until the filing of the Declaration. Please charge any other required fees, **EXCEPT FOR THE FILING FEE**, or credit any overpayments, to Deposit Account 50-1355, referencing the Attorney Docket number shown above. A copy of this transmittal letter is attached.

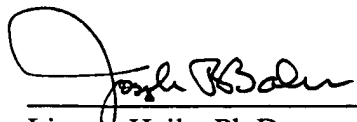
If this application is found to be INCOMPLETE, or if it appears that a telephone conference would helpfully advance prosecution, please telephone the undersigned at (858) 677-1456.

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

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Respectfully submitted,


Lisa A. Haile, Ph.D
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9/29/00
Date

Enclosures

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104703-159216